

ABSTRACT

The invention provides liquid toner compositions in which the polymeric binder is chemically grown in the form of copolymeric binder particles dispersed in a liquid carrier. The polymeric binder includes one amphipathic copolymer comprising one or more S material portions and one or more D material portions, wherein the S material portion of the copolymer has molecular weight and solubility properties selected to provide a three dimensional gel of controlled rigidity which can be reversibly reduced to a fluid state by application of energy. The toners as described herein surprisingly provide compositions that are particularly suitable for electrophotographic processes wherein the transfer of the image from the surface of a photoconductor to an intermediate transfer material or directly to a print medium is carried out without film formation on the photoconductor.

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